DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Pella Corporation 102 Main Street Pella, IA 50219

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "10 Vinyl ½" Flange" White PVC horizontal Sliding Window - N.I.

APPROVAL DOCUMENT: Drawing No. 1839, titled "10 Series Vinyl Non-Impact Sliding Glass Window", sheets 1 through 4 of 4, dated 10/10/12 with the latest revision dated 01/16/13, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

MIAMI-DADE COUNTY
APPROVED

J. 6. ASOV1

NOA No. 12–1108.03 Expiration Date: January 31, 2018 Approval Date: January 31, 2013 Page 1

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. 1839, titled "10 Series Vinyl Non-Impact Sliding Glass Window", sheets 1 through 4 of 4, dated 10/10/12 with the latest revision dated 01/16/13, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per ASTM E 283–04 (12) and per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per ASTM E 330–02 (10) and per FBC, TAS 202–94
 - 3) Water Resistance Test, per ASTM E 547-00 (09), per ASTM E 331-00 (09) and per FBC, TAS 202-94
 - 4) Forced Entry Test, per ASTM E 588–07, Type "A", Type "D", Grade "10" and per FBC 2411.3.2.1, TAS 202–94

along with marked-up drawings and installation diagram of horizontal sliding window, prepared by National Certified Testing Laboratories, Inc., Test Reports No.'s NCTL-110-15220-1, NCTL-110-15221-1, NCTL-110-15222-1, and NCTL-110-15219-1, dated 10/28/12, signed and sealed by Harold E. Rupp, P. E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC–2010**, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/23/12, signed and sealed by Warren W. Schaefer, P. E.
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11–0830.09 issued to Mikron Industries, Inc. for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 10/06/11, expiring on 12/26/16.

Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-1108.03

Expiration Date: January 31, 2018 Approval Date: January 31, 2013

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

- 1. Statement letter of conformance and complying with FBC-2010 and ANSI/ AAMA/ NWWDA 101/ I.S.2-97, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 10/15/12, signed and sealed by Warren W. Schaefer, P. E.
- 2. Statement letter of no financial interest and independence, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 10/15/12, signed and sealed by Warren W. Schaefer, P. E.
- 3. Laboratory compliance letters for Test Reports No.'s NCTL-110-15220-1, NCTL-110-15221-1, NCTL-110-15222-1 and NCTL-110-15219-1, issued by National Certified Testing Laboratories, Inc., dated 10/28/12, signed and sealed by Harold E. Rupp, P. E.

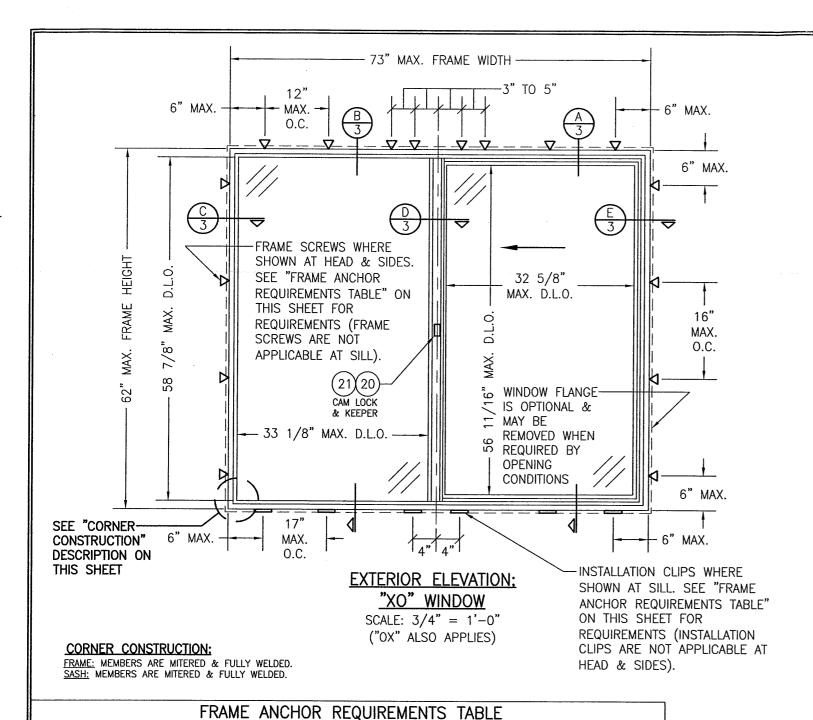
G. OTHERS

1. None.

Jaime D. Gascon, P. E.

Product Control Section Supervisor NOA No. 12–1108.03

Expiration Date: January 31, 2018 Approval Date: January 31, 2013



MAXIMUM	MAXIMUM	ALLOW	ABLE PE	RESSURE	(PSF)	MAXIMUM	MAXIMUM	ALLOW	ABLE PF	RESSURE	(PSF)	PLOT: 1=1
FRAME	FRAME		ASS	GLASS FRAME		FRAME	GLASS		GLASS			
WIDTH (IN.)	HEIGHT (IN.)		ON 1		ON 2	WIDTH	HEIGHT		ON 1	OPTIO	ON 2	DATE
(114.)	· · ·	POS.	NEG.	POS.	NEG.	(IN.)	(IN.)	POS.	NEG.	POS.	NEG.	L.
	62	30.0	30.0	N/A	N/A		62	38.7	38.7	38.7	38.7	βá
	60	30.4	30.4	N/A	N/A		60	39.0	39.0	39.0	39.0	<u> </u>
	54	32.0	32.0	N/A	N/A		54	40.0	40.2	40.0	40.2	
73	50	35.0	35.0	35.0	35.0	50	50	40.0	43.3	40.0	43.3	စ်
	44	40.0	40.0	40.0	40.0		44	40.0	47.7	40.0	47.7	DESCRIPTION
	37	40.0	46.2	40.0	46.2		37	40.0	51.6	40.0	51.6	ESC
	31	40.0	55.1	40.0	55.1		31	40.0	57.3	40.0	57.3	** •
	25	40.0	68.4	40.0	68.4		25	40.0	68.4	40.0	68.4	REVISION
	62	31.9	31.9	N/A	N/A		62	39.9	39.9	39.9	39.9	Æ
	60	32.3	32.3	N/A	N/A		60	40.0	40.2	40.0	40.2	
	54	33.7	33.7	33.7	33.7	48	54	40.0	41.4	40.0	41.4	Ŏ.
66	50	36.7	36.7	36.7	36.7		50	40.0	44.5	40.0	44.5	
66	44	40.0	41.4	40.0	41.4		44	40.0	49.0	40.0	49.0	
	37	40.0	46.7	40.0	46.7		37	40.0	52.7	40.0	52.7	
	31	40.0	55.1	40.0	55.1		31	40.0	58.1	40.0	58.1	
	25	40.0	68.4	40.0	68.4		25	40.0	68.5	40.0	68.5	
	62	34.0	34.0	N/A	N/A		62	40.0	44.3	40.0	44.3	
	60	34.3	34.3	34.3	34.3		60	40.0	44.6	40.0	44.6	ð
	54	35.7	35.7	35.7	35.7	42	54	40.0	45.7	40.0	45.7	GLASS WINDOW
00	50	38.6	38.6	38.6	38.6		50	40.0	48.9	40.0	48.9	
60	44	40.0	43.2	40.0	43.2		44	40.0	53.4	40.0	53.4	
	37 31	40.0	47.9	40.0	47.9		37	40.0	56.8	40.0	56.8	
		40.0	55.2	40.0	55.2		31	40.0	61.5	40.0	61.5	
	25	40.0	68.4	40.0	68.4		25	40.0	70.2	40.0	70.2	
	62 36.6	36.6	36.6	36.6		62	40.0	50.2	40.0	50.2	SLIDING	
	60	36.9	36.9	36.9	36.9		60	40.0	50.5	40.0	50.5	I ⊑
	54	38.2	38.2	38.2	38.2	36	54	40.0	51.5	40.0	51.5	NON-IMPACT SL
	50	40.0	41.2	40.0	41.2		50	40.0	55.0	40.0	55.0	
54	44	40.0	45.7	40.0	45.7		44	40.0	59.7	40.0	59.7	
	37	40.0	49.8	40.0	49.8		37	40.0	62.7	40.0	62.7	
	31	40.0	56.1	40.0	56.1		31	40.0	66.9	40.0	66.9	
	25	40.0	68.4	40.0	68.4		25	40.0	74.2	40.0	74.2	Z
1 SEE GLA	ZING DETAIL							10.0	/ 1.2	10.0	77.2	Įž

ALLOWABLE "XO" WINDOW SIZE VS. PRESSURE TABLE

- SEE GLAZING DETAILS FOR GLASS OPTIONS.
- 2. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT GLASS OPTION.
- 3. CÓNDITIONS OUTSIDE THOSE SHOWN IN THIS TABLE SHALL BE EVALUATED UNDER A SEPARATE CERTIFICATION BY A FLORIDA LICENSED ENGINEER.

Approved as complying with the

4. DIMENSIONS SHOWN ARE +/-1/2".

(1) FRAME & II	NSTALLATION CLIP SCREWS		
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	
(2) MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3,

MUMIN E DIST 3/4" 1/2" MIN. 18 GA. 33 KSI METAL STUD NO. 10 GR. 5 SELF TAP/DRILL SCREW | FULL MIN. 1/8" THK A36 STEEL 1/2" NO. 10 GR. 5 SELF TAP/DRILL SCREW FULL MIN. 1/8" THK 6063-T5 ALUM. NO. 10 GR. 5 SELF TAP/DRILL SCREW 1/2" **FULL** MIN. C-90 CMU OR 2500 PSI CONCRETE (3) 1/4" CONCRETE SCREW 1 1/4" 2"

- (1) SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW
- (2) MIN. 2X4 BUCKS REQUIRED AT HEAD & SIDES; MIN. 2X6 BUCKS REQUIRED AT SILL (SILL BUCK MAY BE RIPPED DOWN TO AS LITTLE AS 4" PROVING CLIP SCREW EDGE DISTANCE IS SATISFIED. BUCKS MAY BE TAPERED OR NOTCHED AT THEIR INTERIOR SIDE IF REQUIRED TO ALLOW INTERIOR DRYWALL, PANELING OR CASING TO BUTT AGAINST THE WINDOW FRAME EDGE
- CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.)

GENERAL NOTES:

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)"

OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.

3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO

4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, FORCED ENTRY & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOL TAS-202 FOR NON-IMPACT WINDOWS.

5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE

REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES

6. THESE WINDOWS ARE NON-IMPACT RATED & MUST BE SHUTTERED WITH A FLORIDA CODE APPROVED SHUTTER WHERE REQUIRED BY CODE.

7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.

9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY. 10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUC SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURES STATED ON THESE DRAWINGS.

SERIES SCHAEFER NSULTING, F 9 ફેં∗ઉં કે ≼ 2013

ENGINEERING P.A. (CA 6809)

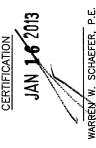
VINYL

CHECKED BY

10/10/12

DRAWN BY:

1=16

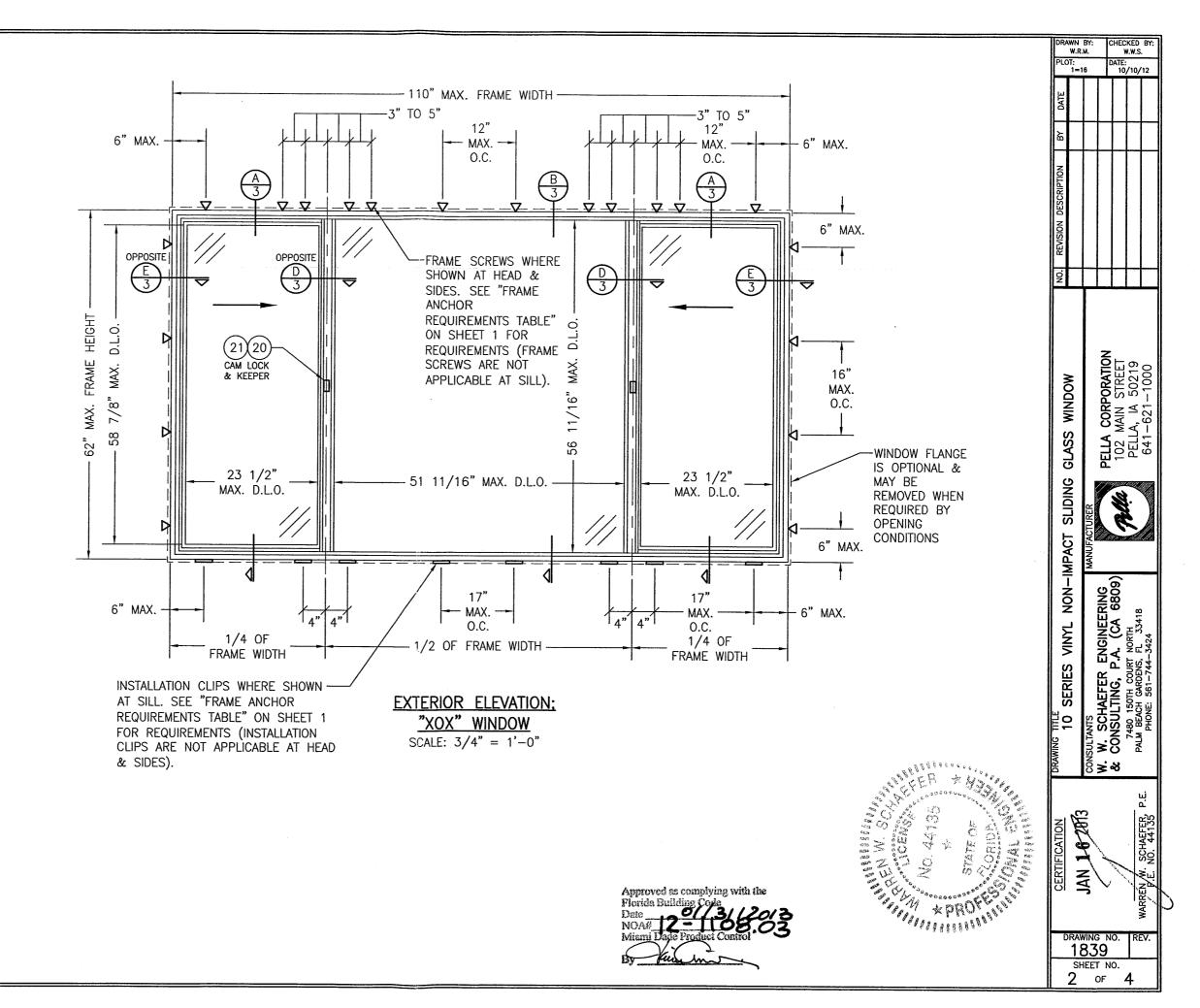


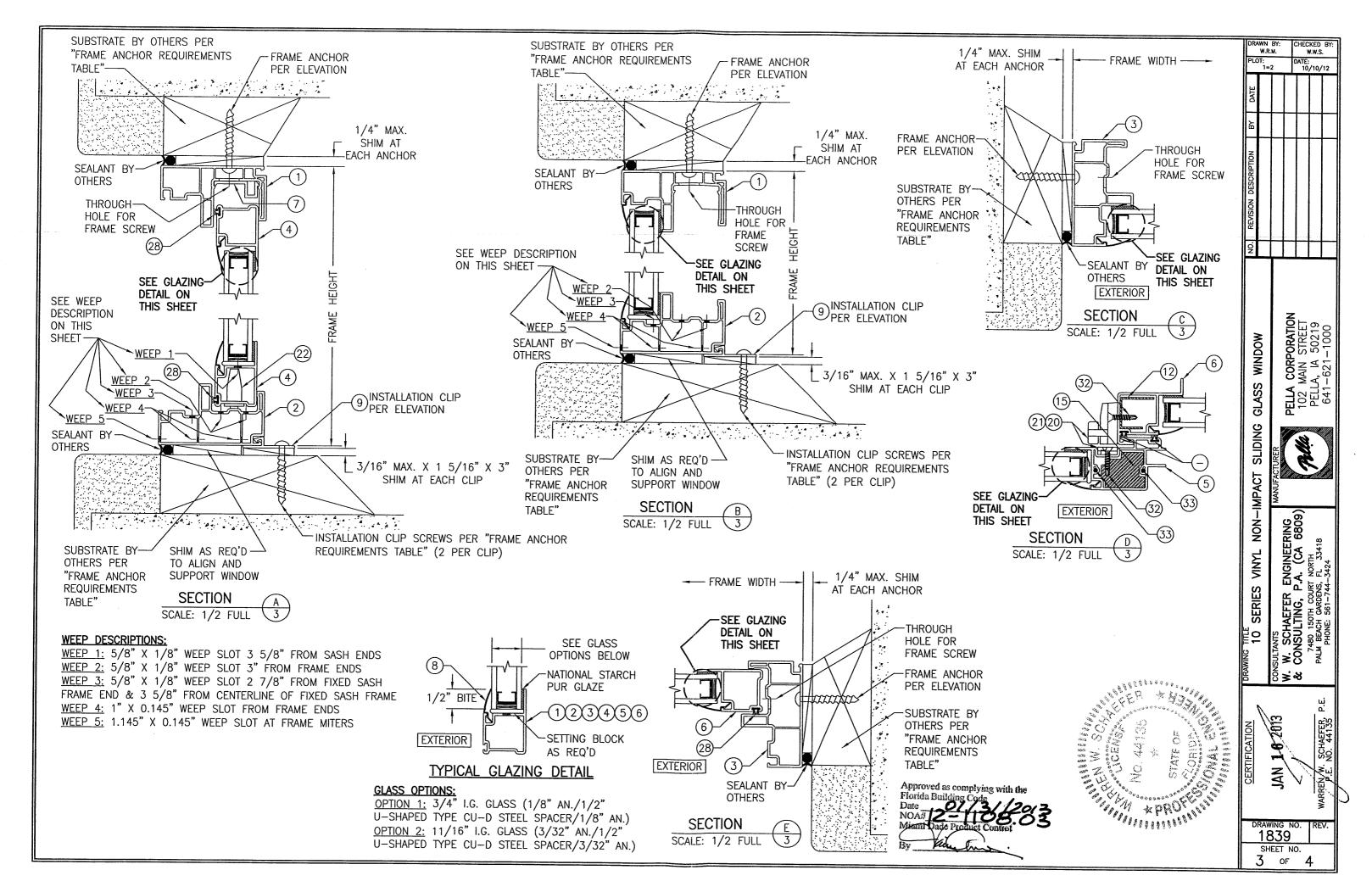
1839 SHEET NO.

OF

ALLOWABLE "XOX" WINDOW SIZE VS							
PRESSURE TABLE MAXIMUM MAXIMUM ALLOWABLE PRESSURE (PSF)							
FRAME	AXIMUM MAXIMUM FRAME FRAME		ASS		RESSURE (PSF) GLASS		
WIDTH	HEIGHT	OPTI					
(IN.)	(IN.)	POS. NEG.		OPTION 2 POS. NEG.			
	62	30.0	30.0	N/A	N/A		
	54	34.4	34.4	N/A	N/A		
	50	35.0	37.2	N/A	N/A		
110	44	35.0	40.9	N/A	N/A		
	37	35.0	44.7	N/A	N/A		
	31	35.0	50.5	35.0	50.5		
	25	35.0	61.8	35.0	61.8		
	62	30.6	30.6	N/A	N/A		
	54	35.0	36.1	N/A	N/A		
	50	35.0	39.0	N/A	N/A		
105	44	35.0	41.9	N/A	N/A		
	37	35.0	45.6	N/A	N/A		
	31	35.0	51.0	35.0	51.0		
	25	35.0	61.8	35.0	61.8		
	62	31.8	31.8	N/A	N/A		
	54	35.0	39.1	N/A	N/A		
	50	35.0	42.1	N/A	N/A		
97	44	35.0	44.0	N/A	N/A		
	37	35.0	47.4	35.0	47.4		
	31	35.0	52.3	35.0	52.3		
	25	35.0	61.9	35.0	61.9		
	62	34.3	34.3	N/A	N/A		
	54	35.0	41.8	N/A	N/A		
	50	35.0	46.2	N/A	N/A		
85	44	35.0	47.9	N/A	N/A		
	37	35.0	51.0	35.0	51.0		
	31	35.0	55.3	35.0	55.3		
	25	35.0	63.2	35.0	63.2		
	62	35.0	37.8	N/A	N/A		
	54	35.0	45.6	N/A	N/A		
	50	35.0	50.8	N/A	N/A		
73	44	35.0	53.4	35.0	53.4		
	37	35.0	56.2	35.0	56.2		
	31	35.0	60.0	35.0	60.0		
	25	35.0	66.7	35.0	66.7		
	62	35.0	42.9	N/A	N/A		
	54	35.0	51.2	35.0	51.2		
	50	35.0	56.7	35.0	56.7		
61	44	35.0	61.3	35.0	61.3		
	37	35.0	63.8	35.0	63.8		
	31	35.0	67.2	35.0	67.2		
	25	35.0	70.0	35.0	70.0		
	62	35.0	50.0	35.0	50.0		
50	54	35.0	59.2	35.0	59.2		
50	50	35.0	65.2	35.0	65.2		
	44	35.0	70.0	35.0	70.0		
1. SEE GLA	ZING DETAIL	S FOR	GLASS	OPTION	S.		

- SEE GLAZING DETAILS FOR GLASS OPTIONS.
 "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT GLASS OPTION.
- 2. CONDITIONS OUTSIDE THOSE SHOWN IN THIS TABLE SHALL BE EVALUATED UNDER A SEPARATE CERTIFICATION BY A FLORIDA LICENSED ENGINEER.
- 3. DIMENSIONS SHOWN ARE +/-1/2".





ITEM #	ITCA DECODIDATION	MANUFACTURED (MOTEC		DRAWN BY: CHECKED BY:
IIEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES	CONTINUOUS WOOD MEMBER LESS IN THICKNESS	W.R.M. W.W.S. PLOT: DATE: 10/10/12
	HEAD FRAME	(*) VINVI	THAN A 2X_ BUCK TO BE MIN. 2 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).— SUBSTRATE SUBSTRATE	1=2 10/10/12
1	SILL FRAME	(*) VINYL (*) VINYL	ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).	35
3	JAMB FRAME	(*) VINYL	BY OTHERS	۵
1	TOP & BOTTOM RAIL & JAMB STILE	(*) VINYL	PER "FRAME ANCHOR	٤
5	FIXED PANEL INTERLOCK STILE	(*) VINYL	REQUIREMENTS	
6	ACTIVE PANEL INTERLOCK STILE	(*) VINYL	SEALANT BY————————————————————————————————————	z
7	ANTI-LIFT BRACKET	(*) VINYL	OTHERS CONTROLL OF THE PROPERTY OF THE PROPERT	DEF
8	GLAZING BEAD	(*) VINYL	EXTERIOR 13	SS
9	INSTALLATION CLIP	(*) VINYL	FRAME SCREW PER —	
12	ACTIVE PANEL INTERLOCK STILE REINFORCEMENT	ASTM A653-05A TYPE A GALVANIZED STEEL	ELEVATION & "FRAME	VISIO
15	FIXED PANEL INTERLOCK STILE REINFORCEMENT	6061-T6 ALUMINUM	ANCHOR REQUIREMENTS	RE
	HARDWARE		TABLE"	0
20	CAM LOCK	PELLA V615002 DIE CAST ZINC	1 7 7	
21	CAM LOCK KEEPER	PELLA V700123 DIE CAST ZINC		
22	ROLLER HOUSING WITH WHEEL	PELLA 801999	ODTIONAL DIDECT MOUNT DETAIL	
	SEALS & SEALANTS		OPTIONAL DIRECT MOUNT DETAIL TO SUPSTRATE WITH SPACER	
28	PILE WEATHERSTRIP	AMESBURY V420628	TO SUBSTRATE WITH SPACER	No Line
	FASTENERS		(HEAD SECTION SHOWN; SIDES ARE INSTALLED THE SAME)	S WINDOW CORPORATION MAIN STREET CA, IA 50219 -621-1000
32	NO. 6 X 3/4 ZINC PLATED TEK SCREW	2 PER EACH CAM LOCK & CAM LOCK	(SILL IS NOT APPLICABLE TO THIS DETAIL)	WINDOW CORPORA AIN STRE 621-100
		KEEPER INTO STILE REINFORCEMENT	(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)	NZ
11	NO. 6 X 1 5/8" BUGLE HEAD	2 PER EACH FIXED PANEL INTERLOCK		S
I	COURSE THREAD 18-8 S.S. SCREW ITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS	STILE END	2.710 — 2.060	CLASS 102 1 PELLA 641-
	0.865	2,000 3,000	AND REMOVED OPTIONAL FLANGE MAY ME SCORED AND REMOVED OPTIONAL FLANGE OPTIONAL FLANGE AND REMOVED OPTIONAL FLANGE OPTIONAL FLAN	DRAWING THTE 10 SERIES VINYL NON—IMPACT SLIDING CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL. 33418 PHONE: 561-744-3424
	8 GLAZING BEAD	1.325	Approved as complying with the Florida Building Code Date NOA# 2-138.33 0.900 15 FIXED PANEL INTERLOCK STILE REINFORCEMENT	CERTIFICATION CERTIFICATION SERVING NO. 1839 SHEET NO. 44135 A OF 4